



HDMO-8/9 Series

3.5 Digit LED Panel Meter

Large 3½ Digit LED Digital Panel Meter

Features

- Large, 0.8", 3½ digit, GREEN or RED display for easy viewing.
- Standard 1/8 DIN package.
- User-selectable decimal points.
- Snap-in panel mounting - no tools or hardware required.
- Gasket and clamp provided for NEMA4, NEMA12 & IP66 applications.

Specifications

Display

Digits:	3 ½ digits (±1999 counts)
Type:	0.8" (20.3 mm) LED
Polarity Indication:	Automatic, "-" displayed.
Decimal Point:	3 position selectable
Overrange:	Three lower order digits blank for inputs >1999 & < -1999

Inputs

Ranges:	±200.0 mV, +/-2.000 V, +/-20.00 VDC
Configuration:	bipolar, differential
Protection:	±350 VDC (±100 VDC for 200 mV range)
Impedance:	>1 MΩ, (>10 MΩ on 200 mV range)

Performance

Accuracy:	±(0.05% FS +1 counts)
Conversion Rate:	3 per second
Normal Mode Rejection:	>30 dB @ 60 Hz
Common Mode Range:	±1V DC
Common Mode Rej.:	>86 dB
Zero Adjustment:	Automatic
Warmup:	10 minutes typical
Temperature Coeff.:	± 100 ppm per °C typical

Power Supply

+5V DC (± 5%) 180 mA @ 5 V.

Environment

Operating Temperature:	-10 to 50°C
Storage Temperature:	-40 to 75°C.

Mounting

snap-in panel mount
or clamp and gasket (included)

Connection

13 pin male connection



Ordering Information

Part #	Meter Color	Meter Power
--------	-------------	-------------

HDMO-8

HDMO-851	RED	200mV
HDMO-852	RED	2V
HDMO-853	RED	20V

HDMO-9

HDMO-951	GREEN	200mV
HDMO-952	GREEN	2V
HDMO-953	GREEN	20V

Accessories

J4C13	13 Pin Connector / Wire Assembly
PW2-5	Regulated 120V AC to 5V DC Power Supply
CVC	Calibrator

Hoyt Electrical Instrument Works, Inc.

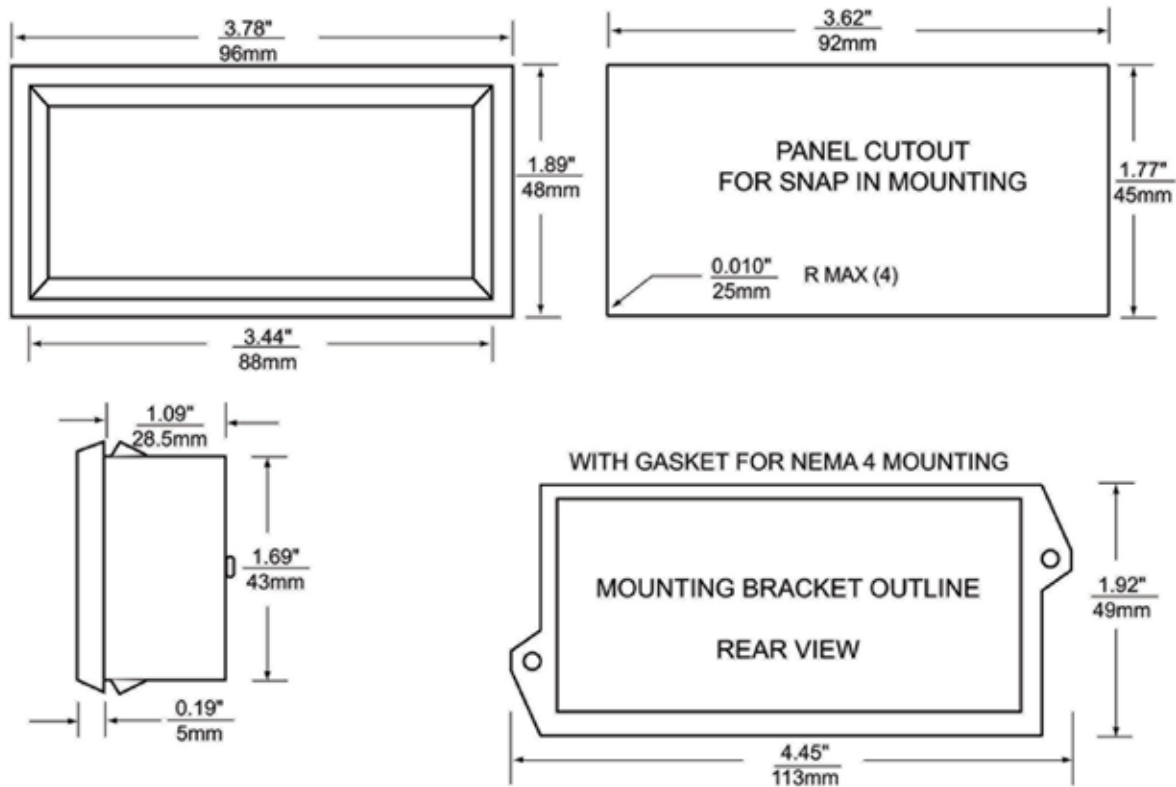
23 Meter Street
Penacook, NH 03303

Phone: (800) 258-3652
Fax: (603) 753-9592
Email: sales@hoytmeter.com

www.hoytmeter.com



Dimensions



Inches
mm

NOTES:

1. Panel thickness is: 0.032"/0.81mm to 0.25"/6.35mm
2. Gasket supplied is: 0.075"/1.9mm thick

Wiring & Calibration

Pin #	Description
1	+5V Power Supply
2	Negative Supply
3	INH1
4	INLO
5	Decimal Common
6	Decimal 000.0 When Connected To Decimal Common
7	Decimal 00.00 When Connected To Decimal Common
8	Decimal 0.000 When Connected To Decimal Common
9	No Connection Required
10	No Connection Required
11	No Connection Required
12	No Connection
13	No Connection

* Note: Pins 2 & 4 should be tied together for proper operation